

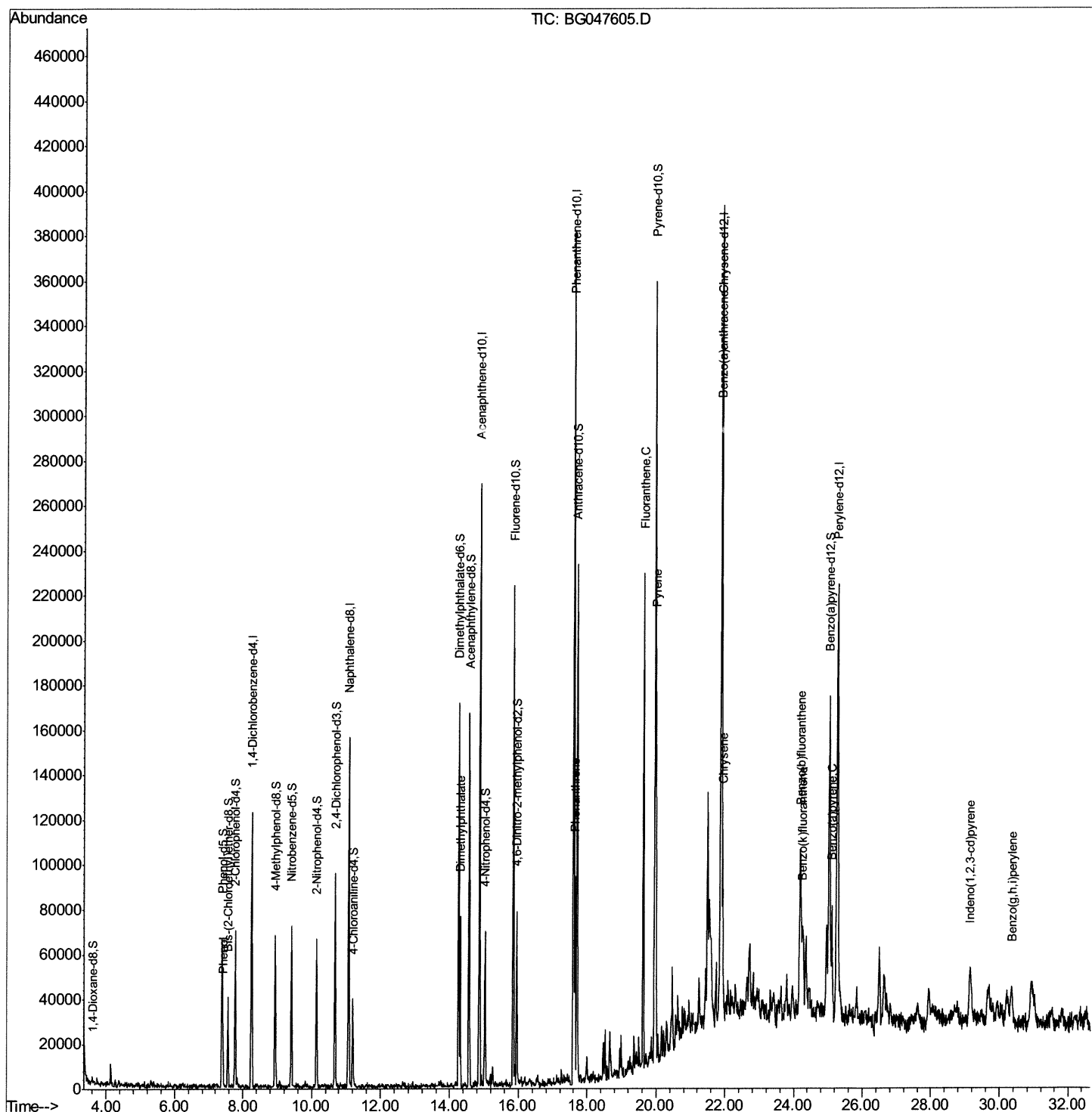
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:43:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

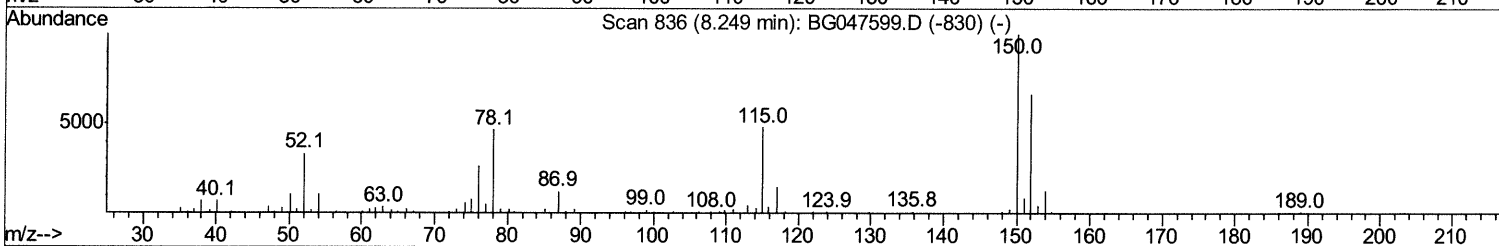
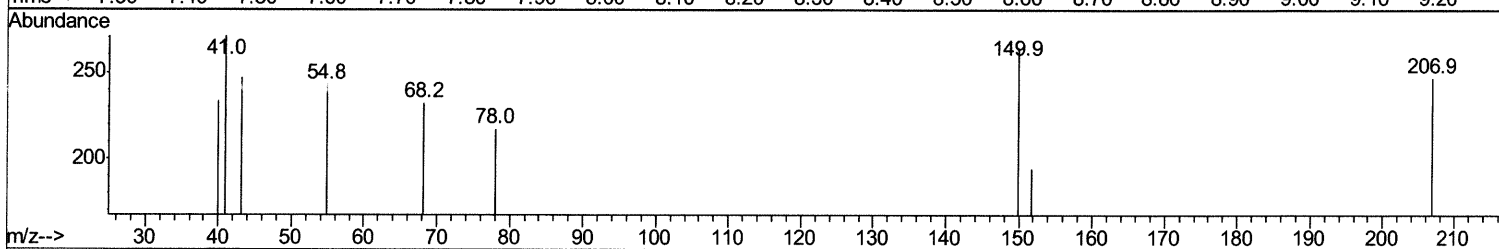
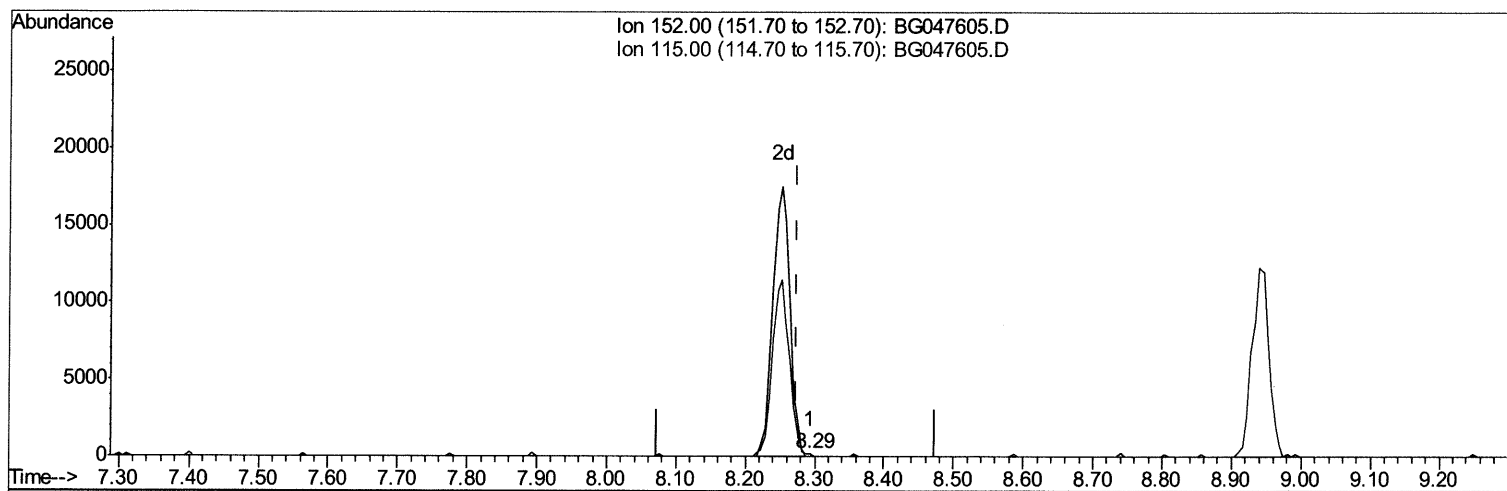
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:08:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047605.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.293min (+0.019) 20.00ng/ul

response 68

Ion	Exp%	Act%
152.00	100	100
115.00	62.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

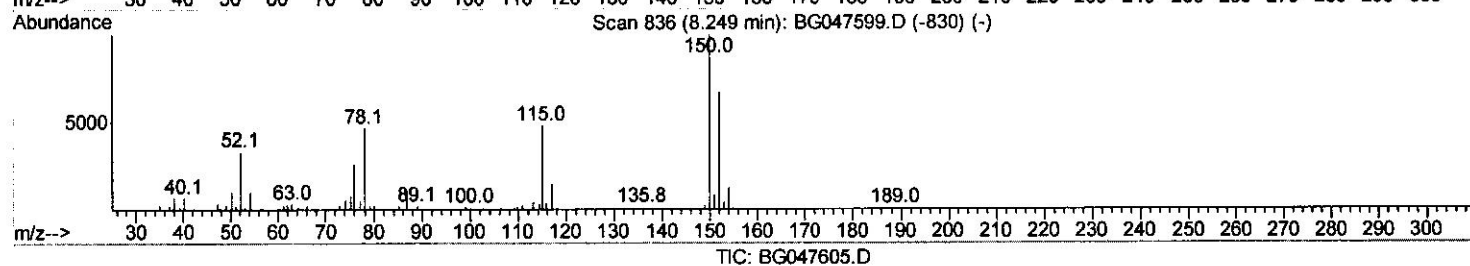
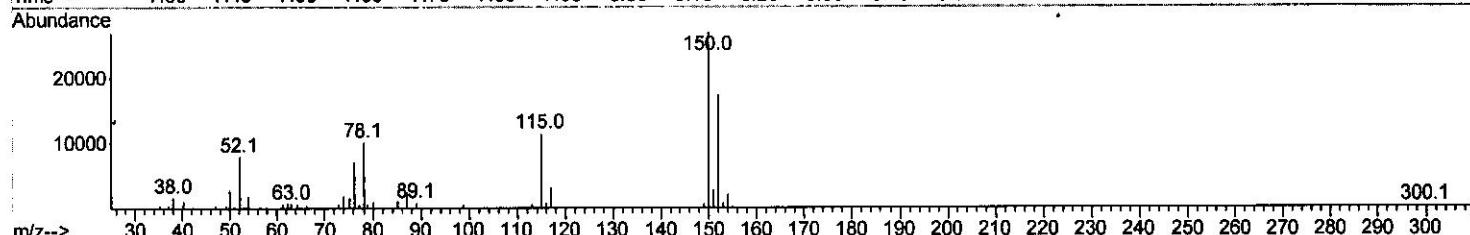
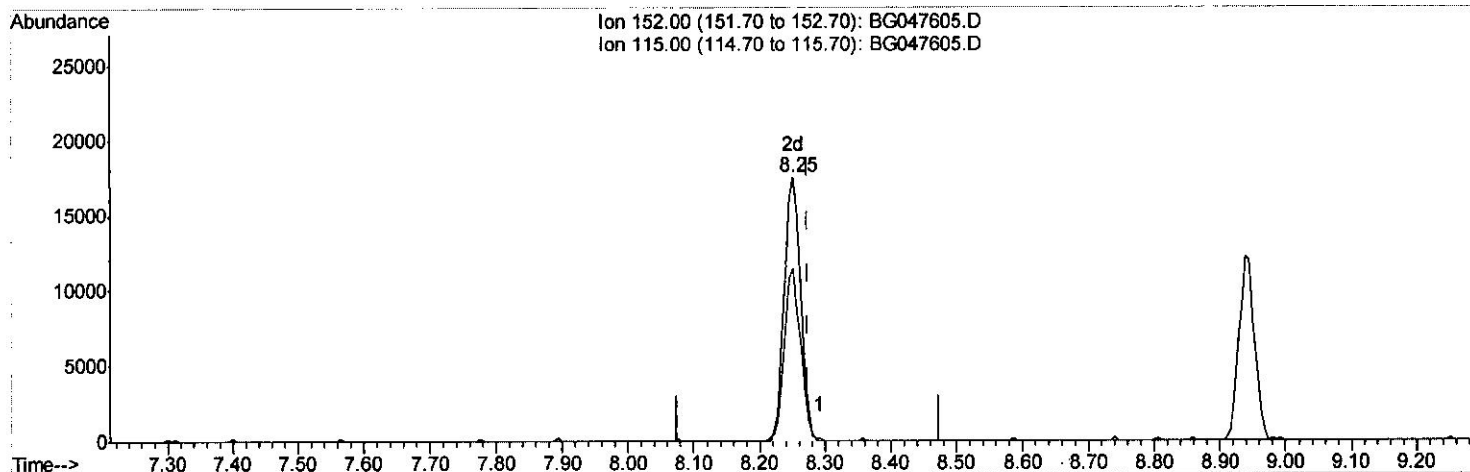
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:43:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



(1) 1,4-Dichlorobenzene-d4 (I)

8.252min (-0.022) 20.00ng/ul m

response 30027

Ion	Exp%	Act%
152.00	100	100
115.00	62.70	65.30
0.00	0.00	0.00
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations

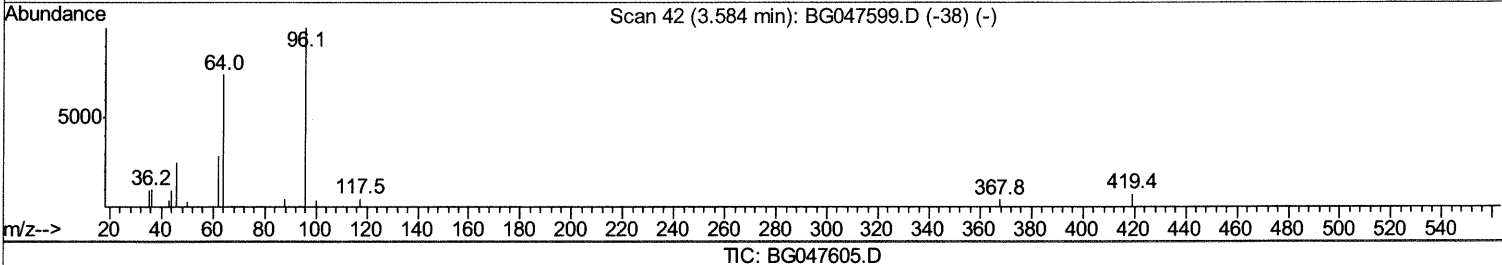
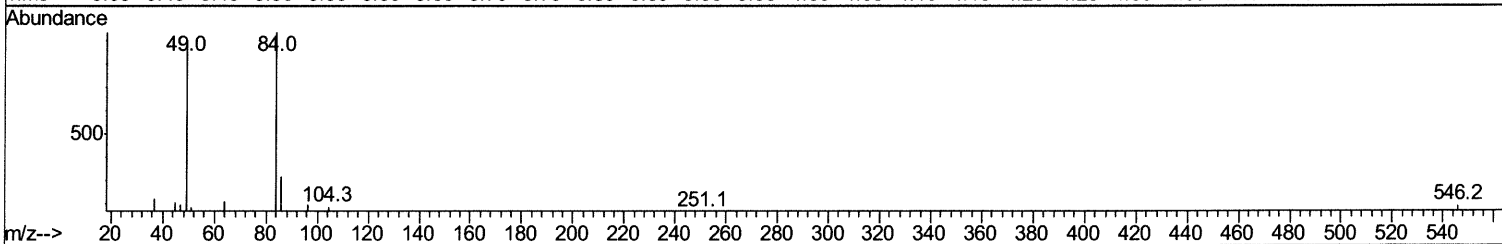
mohammad
12/7/2020 2:01:22 PM

Abundance

Ion 96.00 (95.70 to 96.70): BG047605.D
Ion 64.00 (63.70 to 64.70): BG047605.D
Ion 34.00 (33.70 to 34.70): BG047605.D

3d
2d
1
3.63

Time--> 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.70 3.75 3.80 3.85 3.90 3.95 4.00 4.05 4.10 4.15 4.20 4.25 4.30 4.35 4.40 4.45 4.50 4.55 4.60



Ion	Exp%	Act%
96.00	100	100
64.00	61.30	108.25#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

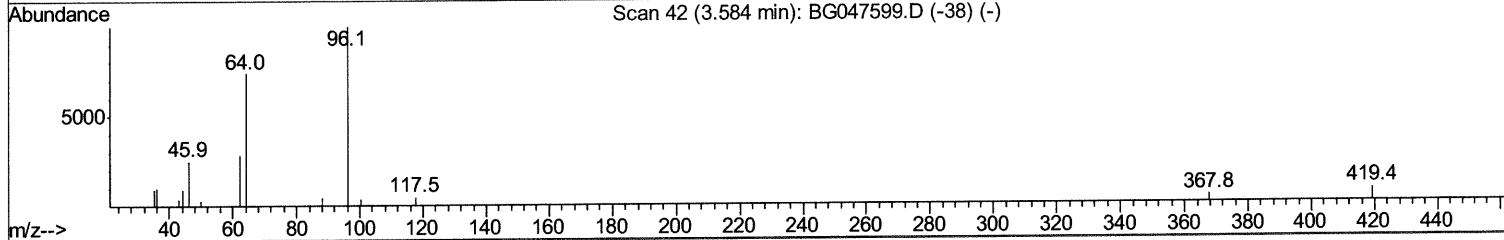
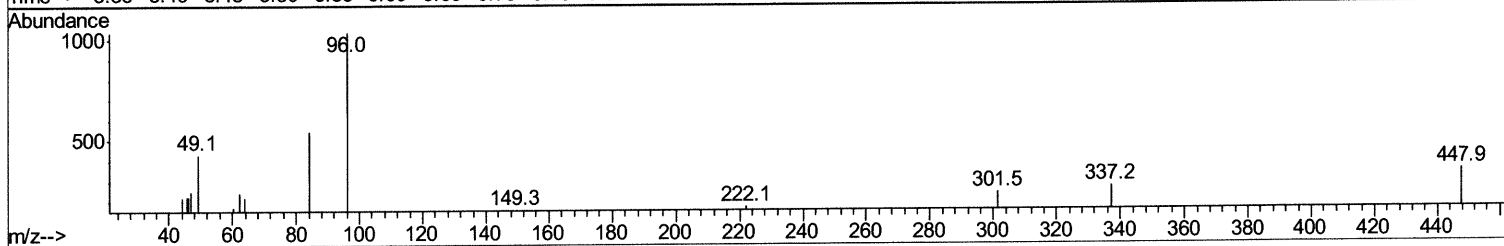
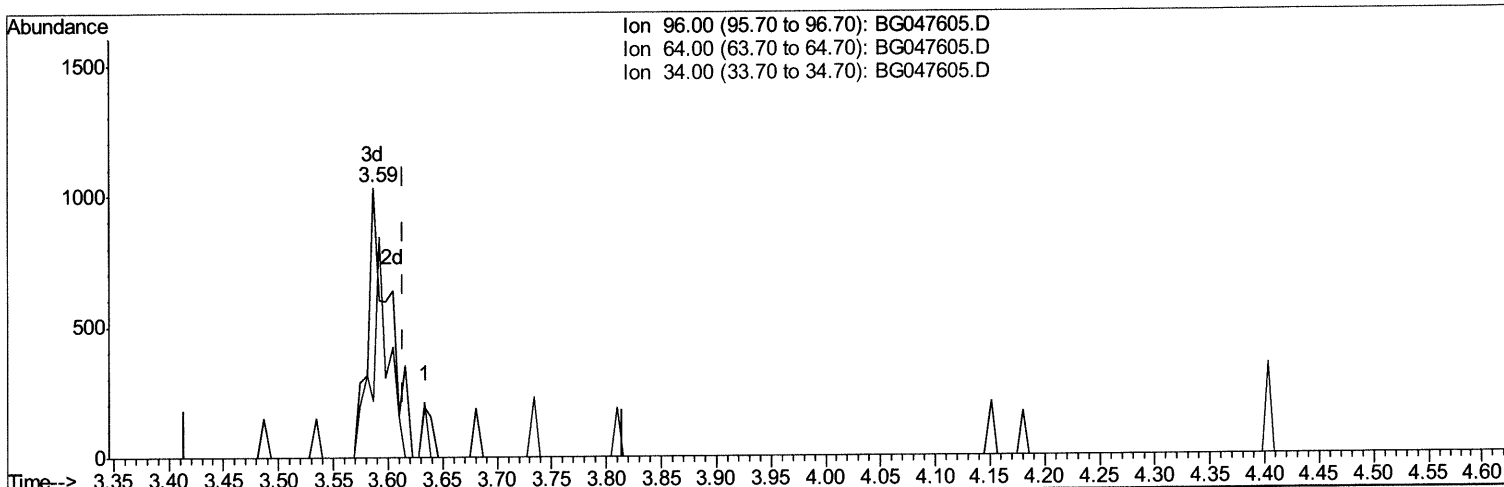
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

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 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.587min (-0.028) 1.70ng/uL m 12/07/20 JU

response 1406

Ion	Exp%	Act%
96.00	100	100
64.00	61.30	21.10#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

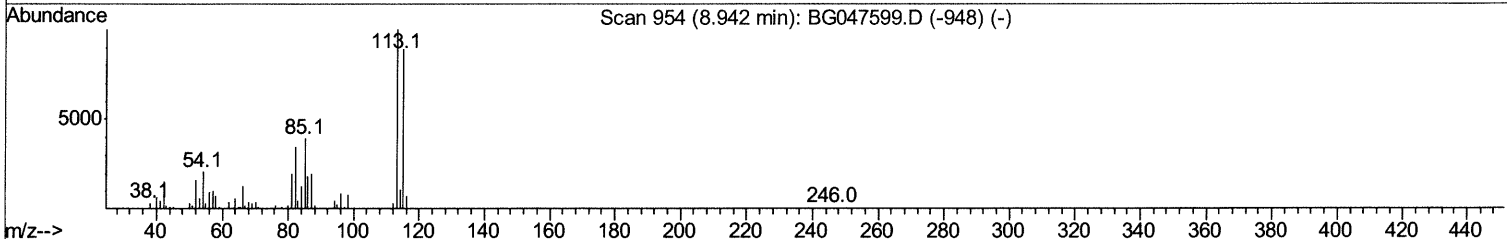
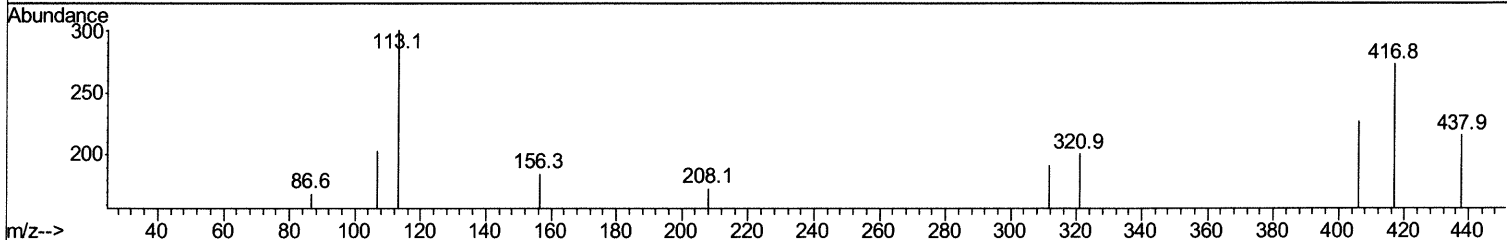
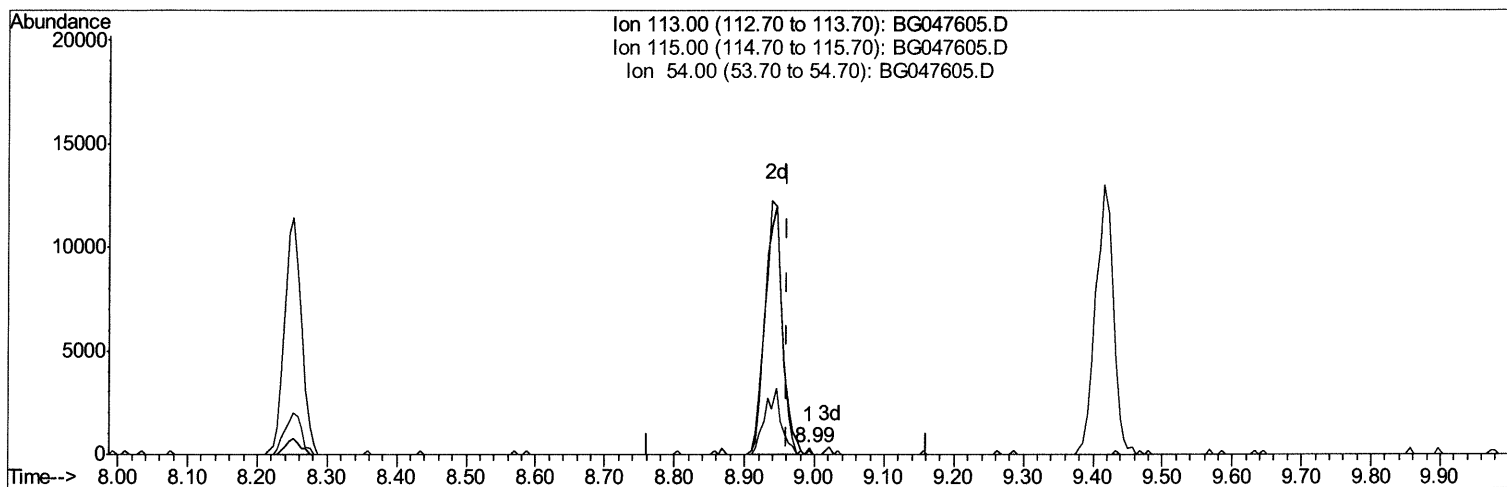
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047605.D

(13) 4-Methylphenol-d8 (S)

8.992min (+0.031) 0.05ng/ul

response 106

Ion	Exp%	Act%
113.00	100	100
115.00	89.60	52.16#
54.00	15.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

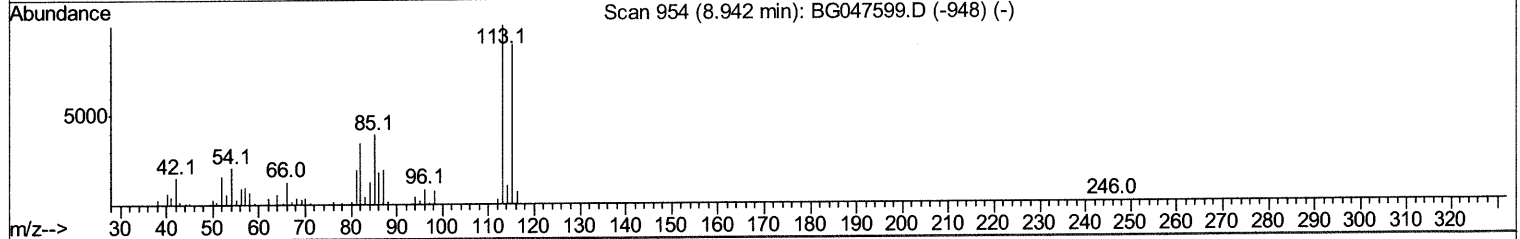
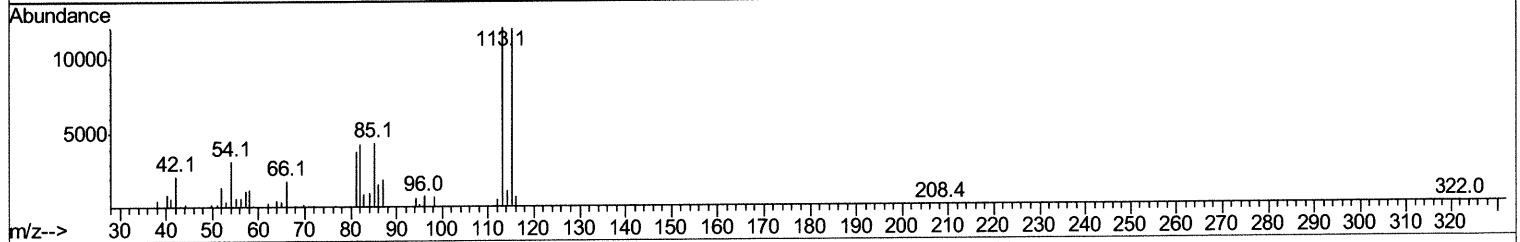
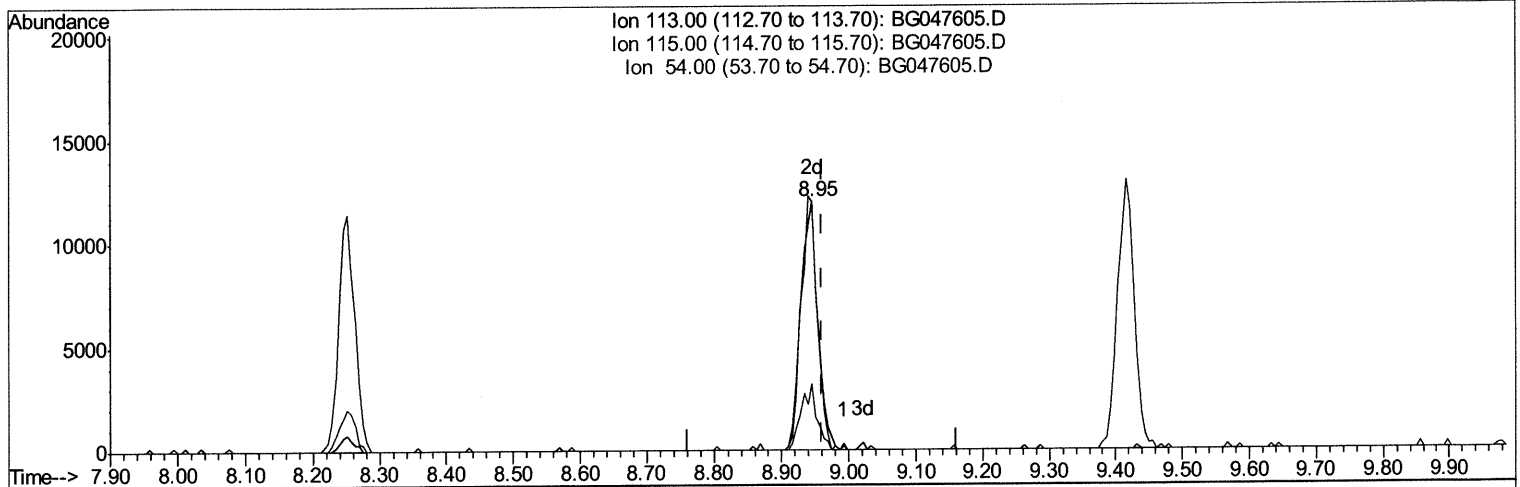
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047605.D

(13) 4-Methylphenol-d8 (S)

8.945min (-0.016) 9.07ng/ul m 12/07/2024

response 21000

Ion	Exp%	Act%
113.00	100	100
115.00	89.60	99.39
54.00	15.00	26.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

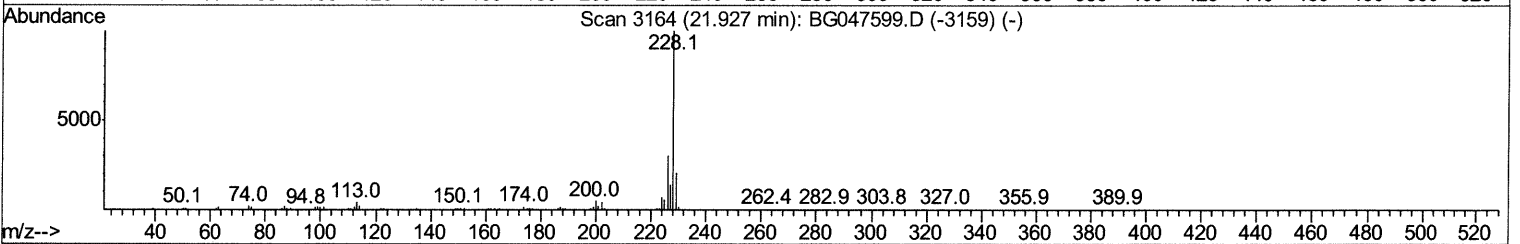
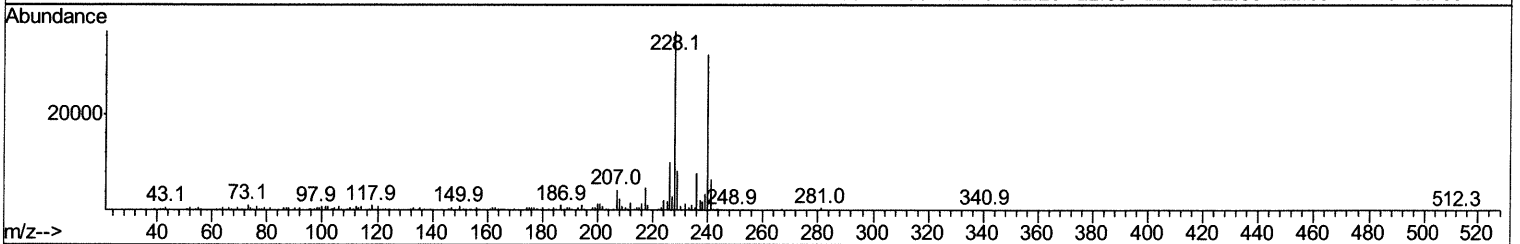
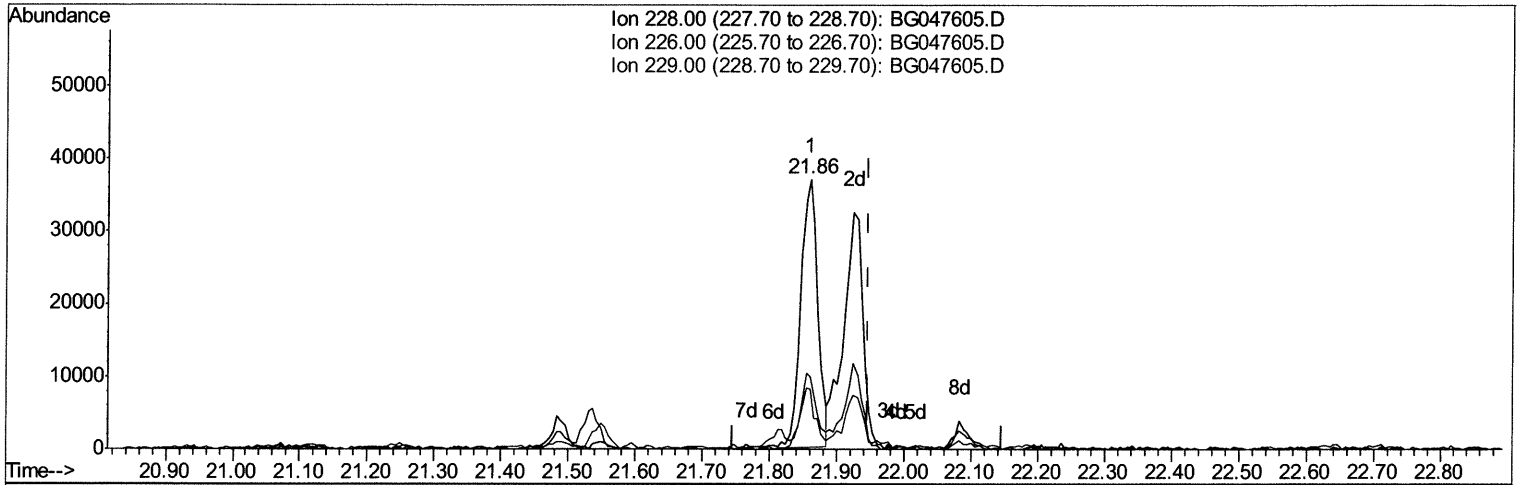
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047605.D

(85) Chrysene

21.859min (-0.087) 4.44ng/ul

response 64804

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	26.69
229.00	20.40	22.45
0.00	0.00	0.00

Quantitation Report (Qedit)

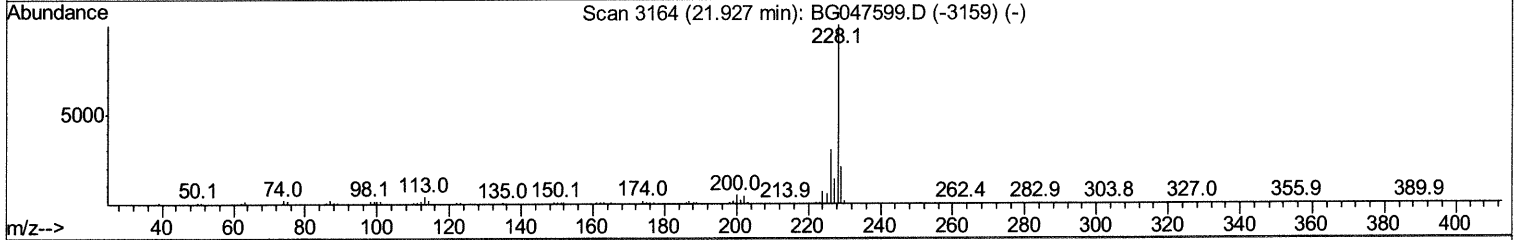
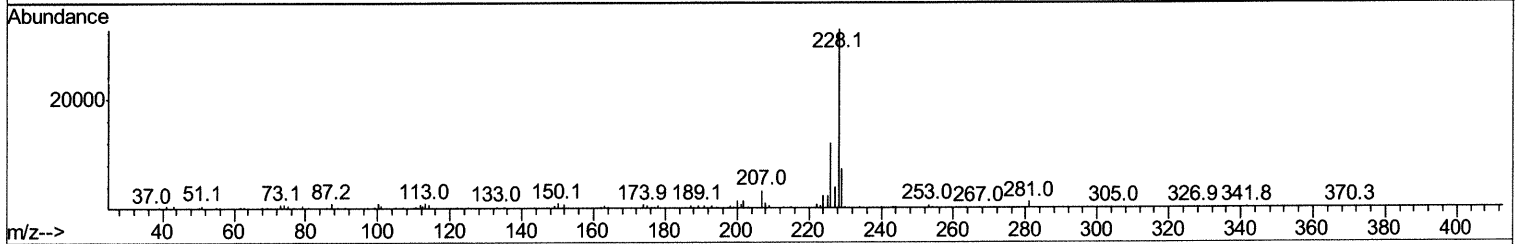
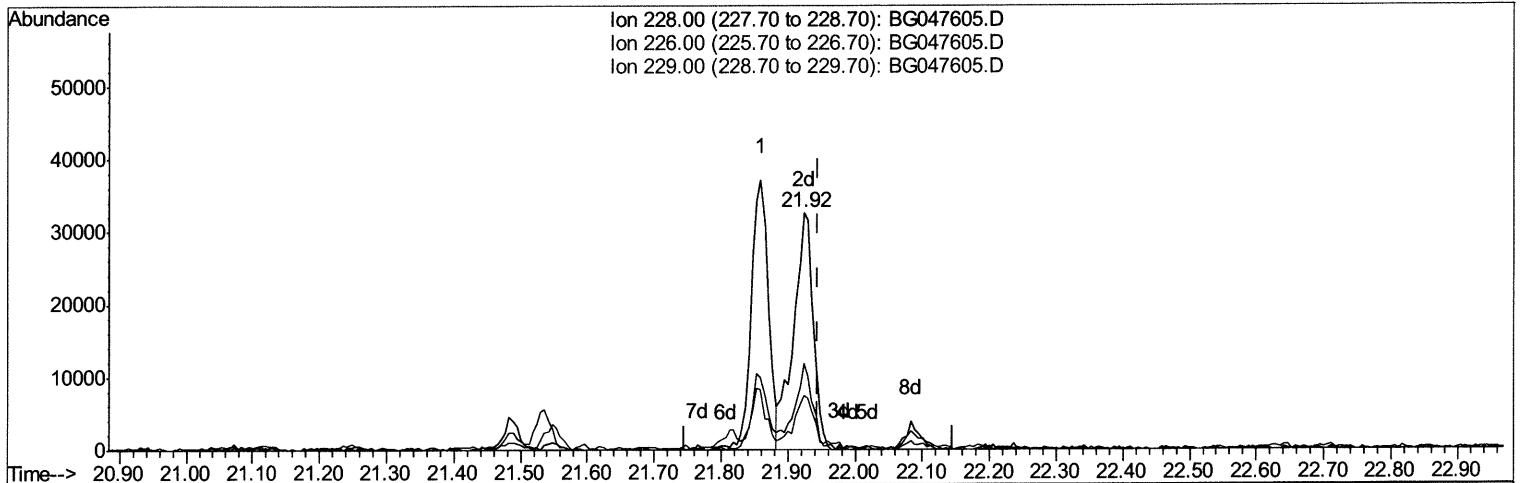
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047605.D

(85) Chrysene

21.924min (-0.022) 4.56ng/ul m 12/07/20 JU

response 66603

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	36.45#
229.00	20.40	22.54
0.00	0.00	0.00

Quantitation Report (Qedit)

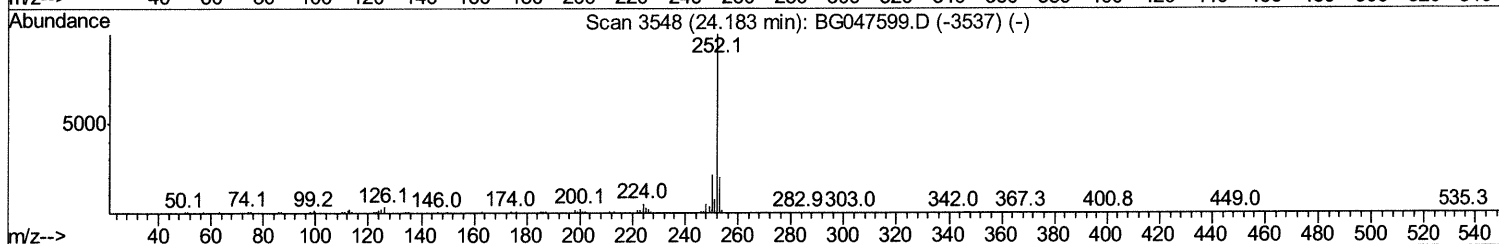
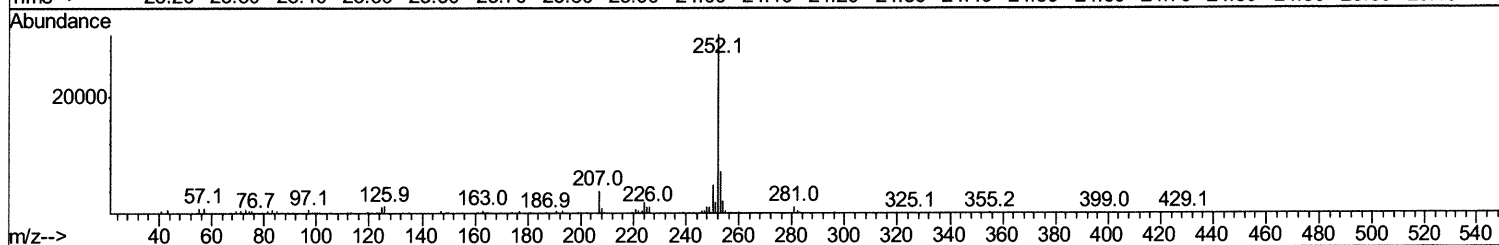
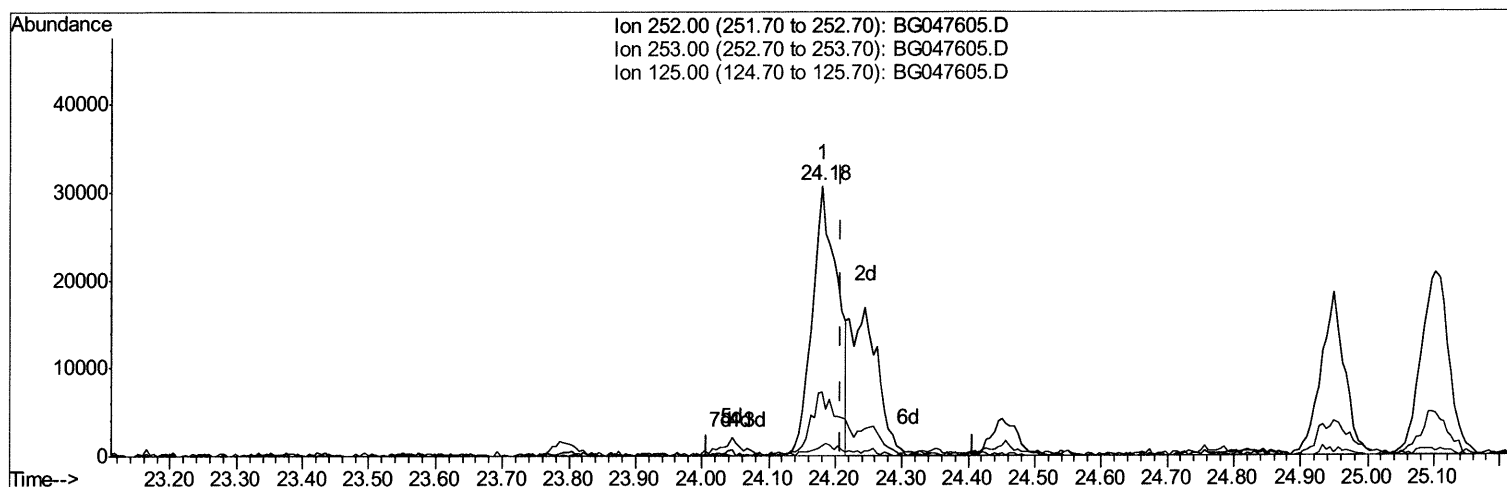
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations
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12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047605.D

(88) Benzo(b)fluoranthene

24.180min (-0.028) 5.01ng/ul

response 82262

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	23.87
125.00	3.10	3.63
0.00	0.00	0.00

Quantitation Report (Qedit)

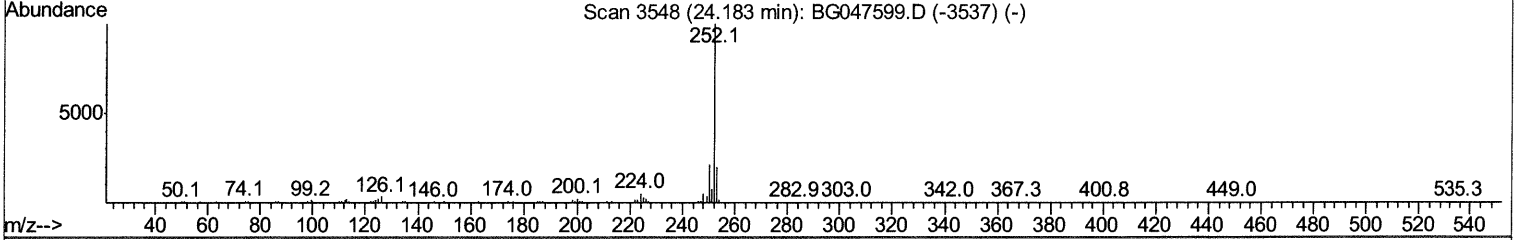
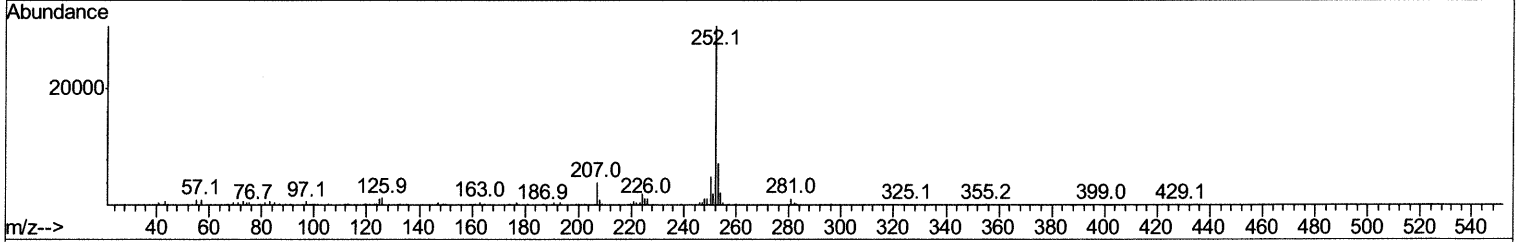
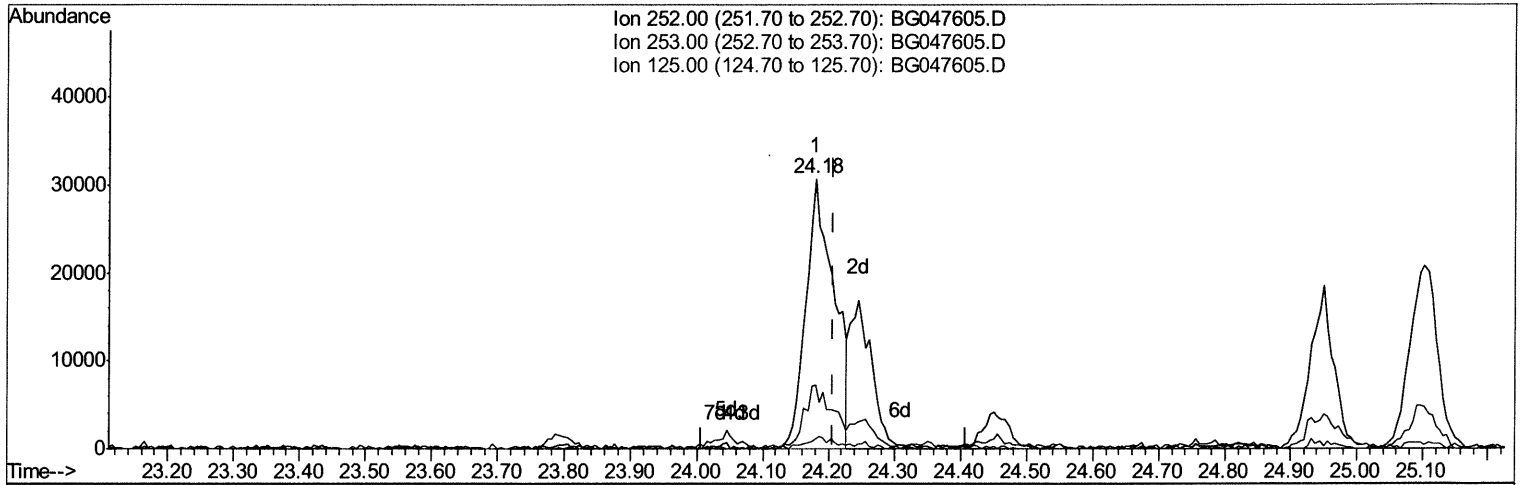
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047605.D

(88) Benzo(b)fluoranthene

24.180min (-0.028) 5.61ng/ul m 12/07/20 JU

response 92170

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	23.87
125.00	3.10	3.63
0.00	0.00	0.00

Quantitation Report (Qedit)

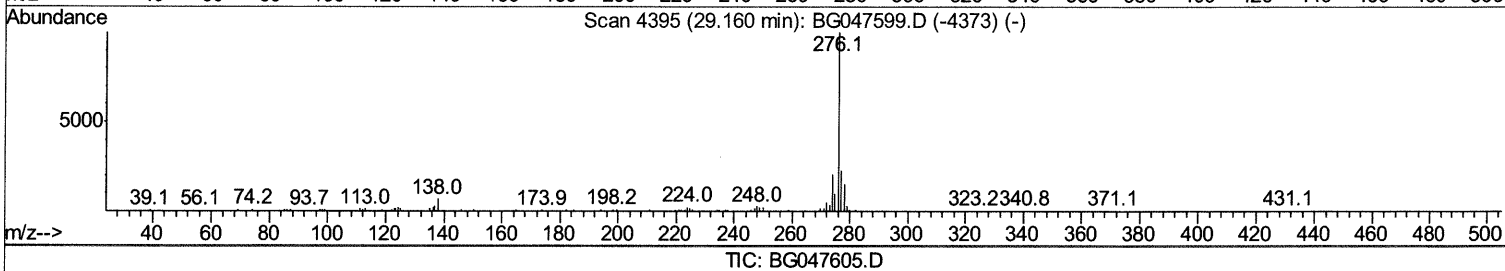
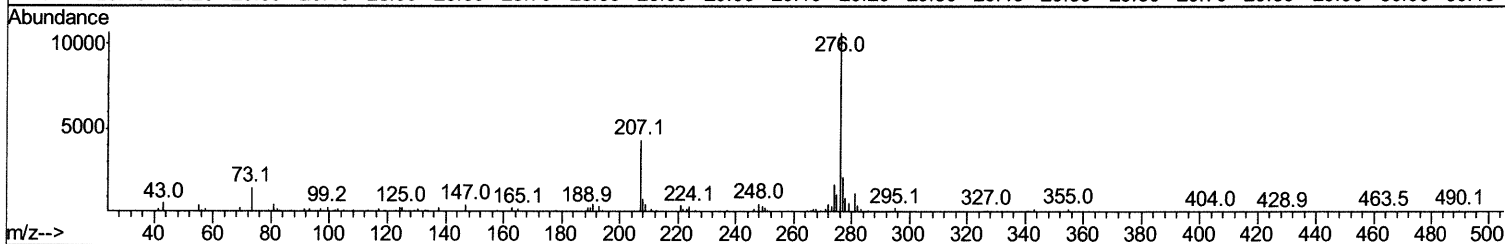
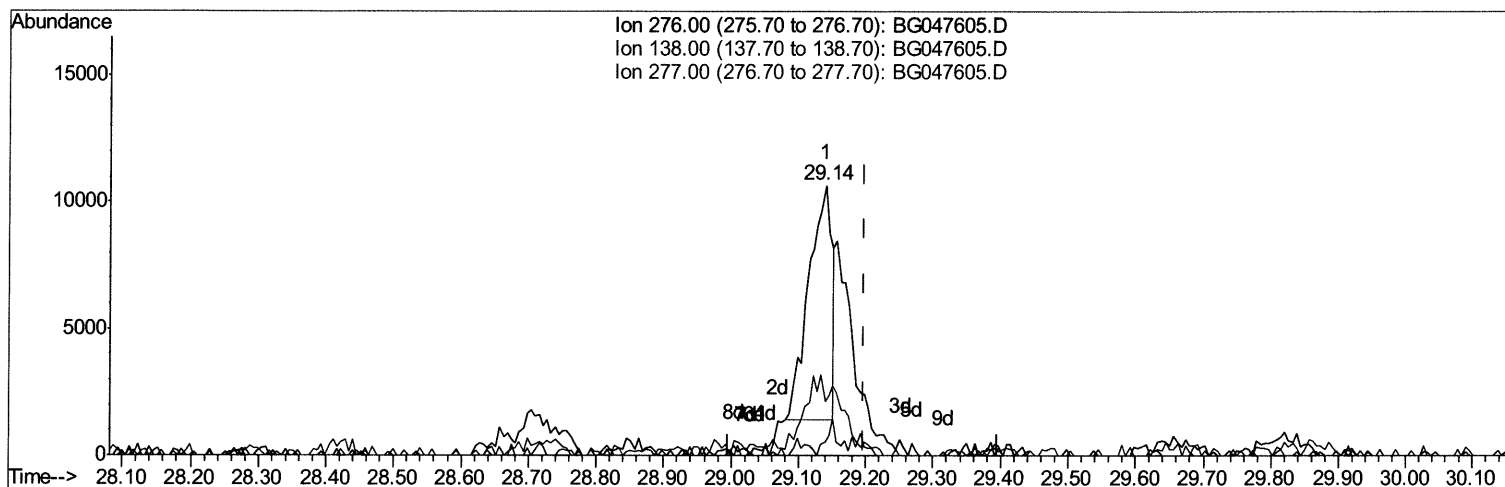
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

29.139min (-0.057) 1.25ng/ul

response 22282

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	5.08#
277.00	24.90	20.02
0.00	0.00	0.00

Quantitation Report (Qedit)

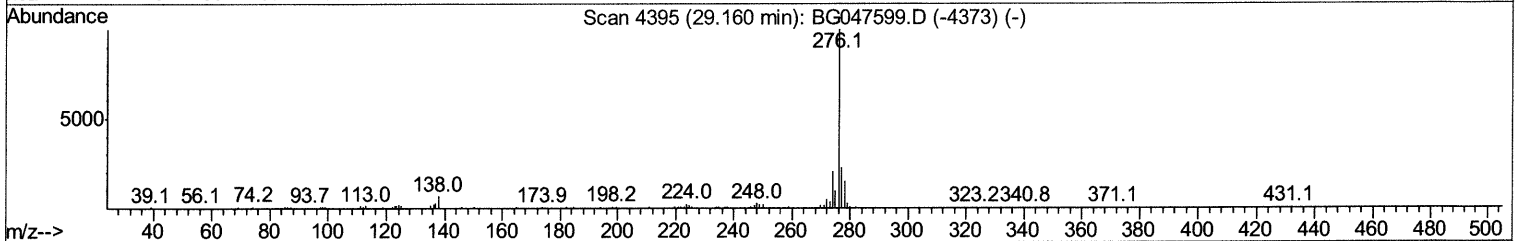
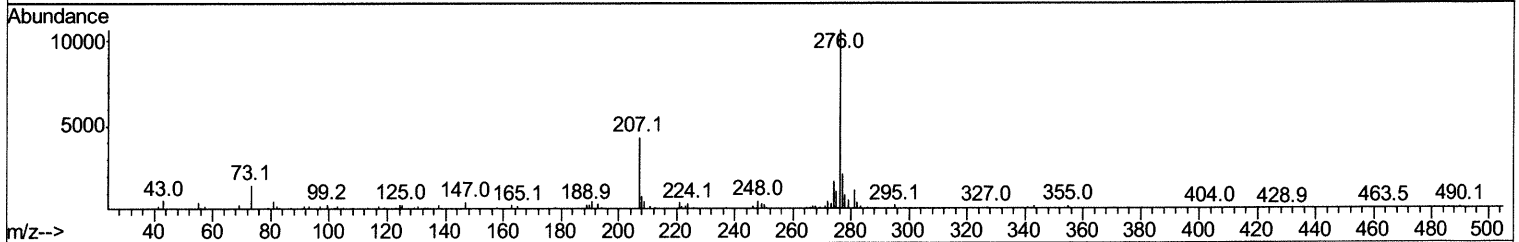
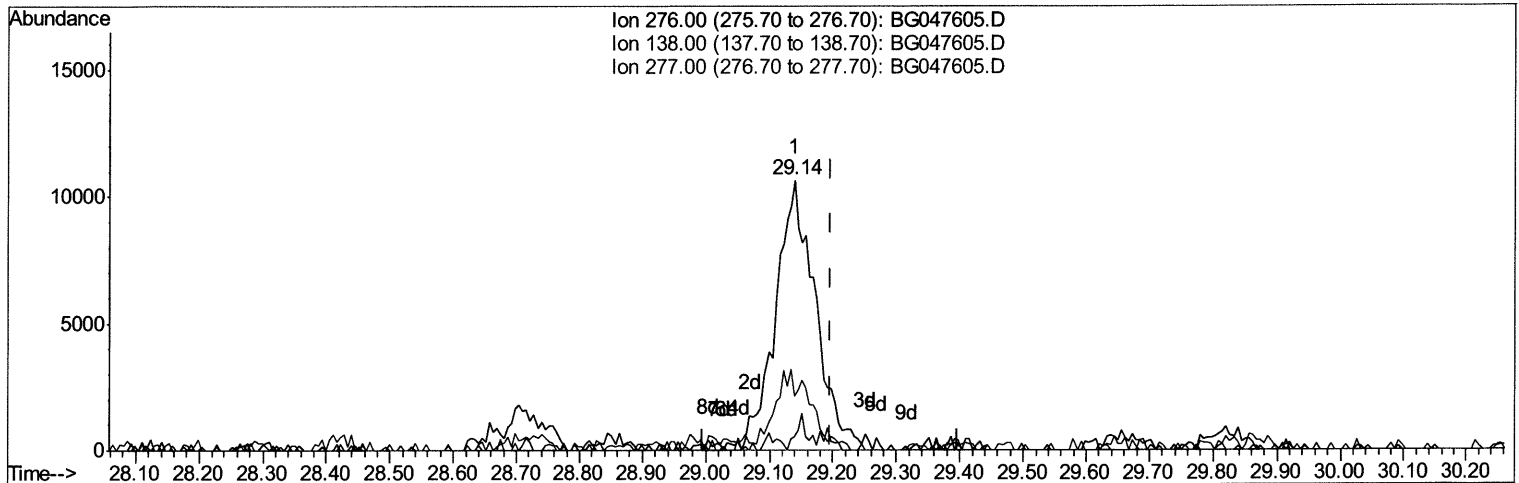
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:39:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047605.D

(92) Indeno(1,2,3-cd)pyrene

29.139min (-0.057) 2.62ng/ul m 12/07/2020

response 46687

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	3.53#
277.00	24.90	20.02
0.00	0.00	0.00

Quantitation Report (Qedit)

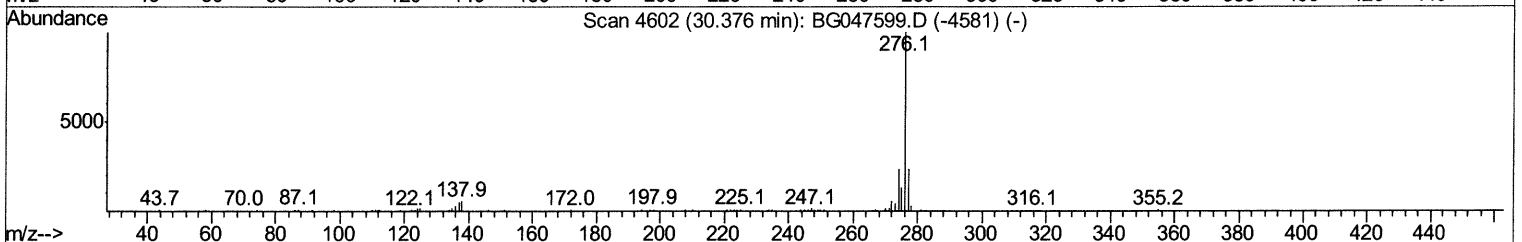
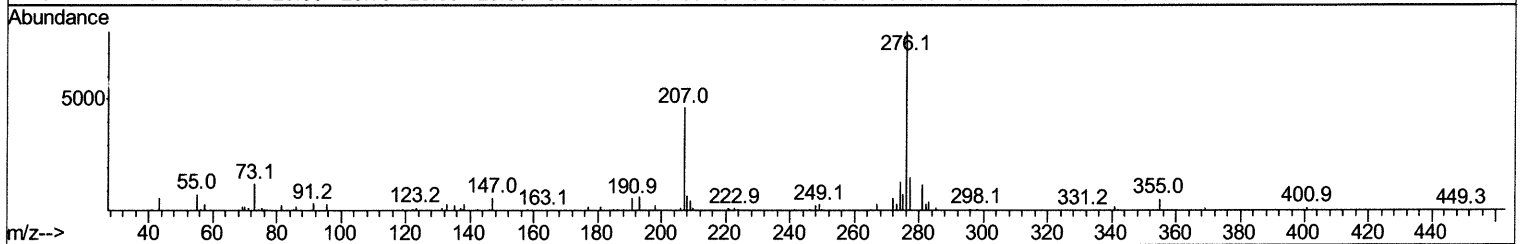
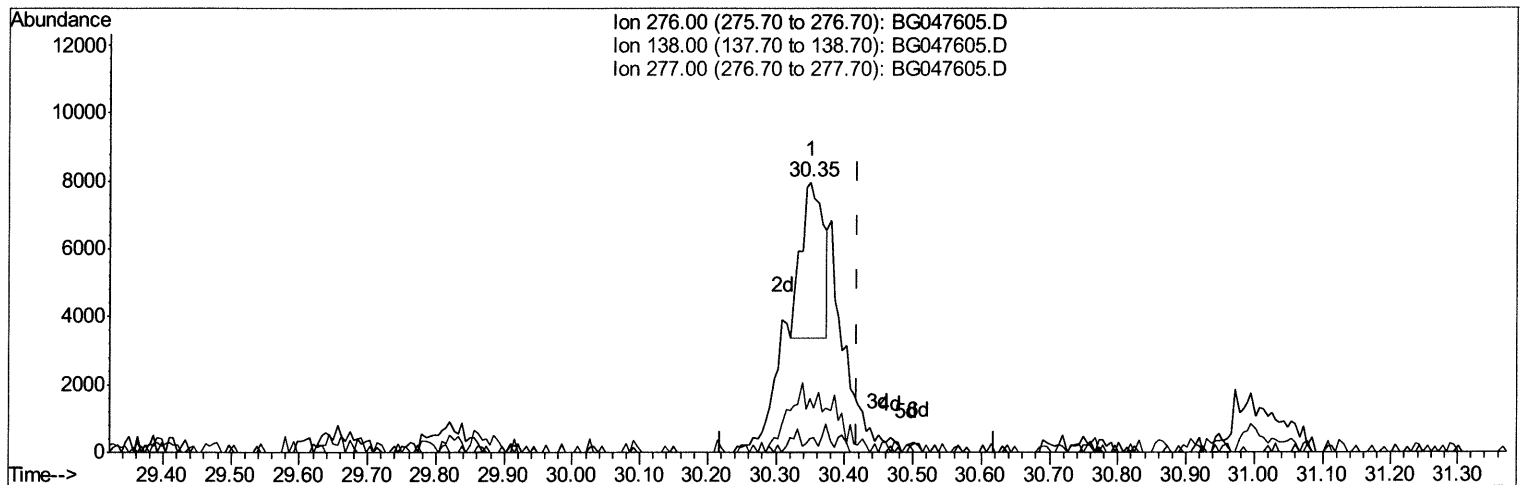
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:43:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047605.D

(94) Benzo(g,h,i)perylene

30.349min (-0.069) 0.72ng/ul

response 10575

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	5.03#
277.00	21.90	20.11
0.00	0.00	0.00

Quantitation Report (Qedit)

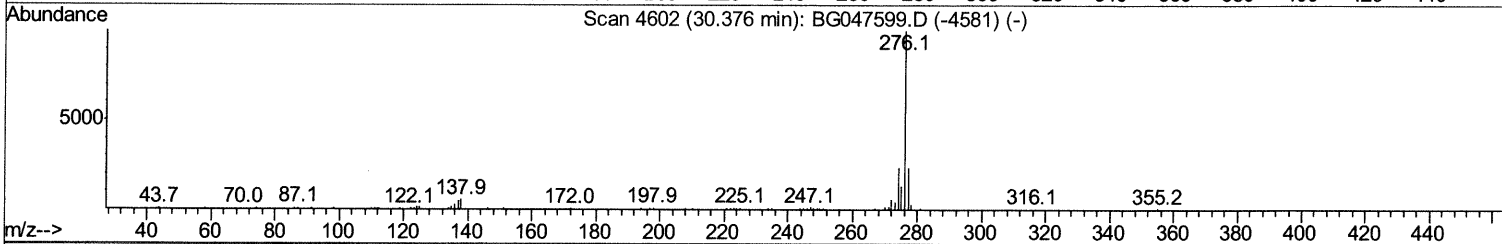
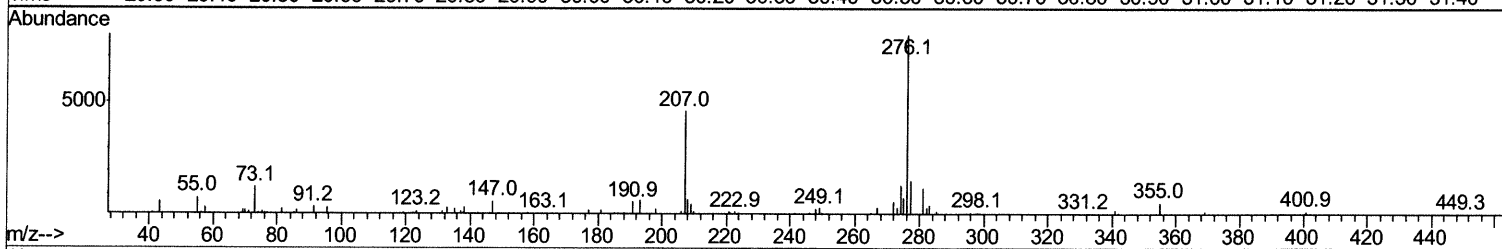
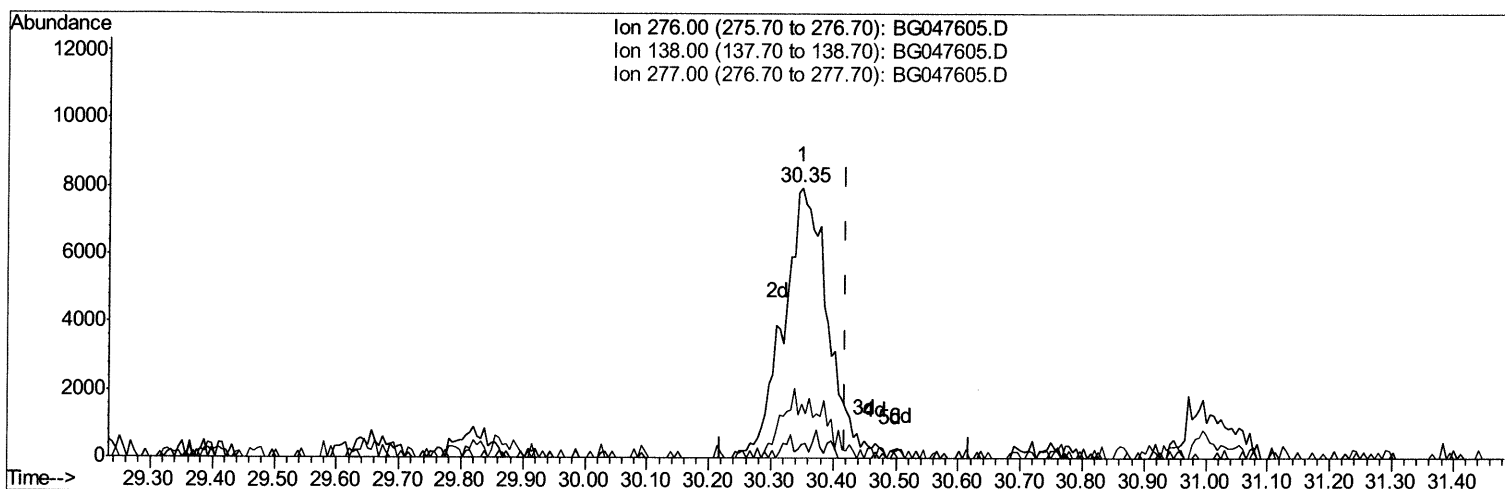
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B26

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:43:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047605.D

(94) Benzo(g,h,i)perylene

30.349min (-0.069) 2.68ng/ul m 12/07/2020

response 39432

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	5.03#
277.00	21.90	20.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:43:58 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Dec 07 05:06:33 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	30027m>	20.00	ng/ul>	-0.02
18) Naphthalene-d8	11.08	136	121488	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	95078	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	235563	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	215573	20.00	ng/ul	-0.02
86) Perylene-d12	25.26	264	232579	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1406m>	1.70	ng/ul>	-0.03
5) Phenol-d5	7.38	99	31130	10.34	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	17368	10.11	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	23765	11.77	ng/ul	-0.02
13) 4-Methylphenol-d8	8.95	113	21000m>	9.07	ng/ul>	-0.02
19) Nitrobenzene-d5	9.42	128	12102	12.06	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	15305	13.98	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.68	165	31015	12.37	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	17123	6.75	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	100858	12.36	ng/ul	-0.03
47) Acenaphthylene-d8	14.56	160	119556	12.67	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	10962	8.80	ng/ul	0.00
58) Fluorene-d10	15.85	176	94668	12.66	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	16256	12.12	ng/ul	-0.02
71) Anthracene-d10	17.70	188	145136	12.42	ng/ul	-0.02
79) Pyrene-d10	19.96	212	176138	14.04	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.03	264	172707	12.90	ng/ul	-0.03

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.41	94	8073	2.798	ng/ul#	90
45) Dimethylphthalate	14.30	163	41473	4.981	ng/ul	98
70) Phenanthrene	17.64	178	56709	4.458	ng/ul	94
77) Fluoranthene	19.63	202	142959	8.899	ng/ul#	97
80) Pyrene	19.99	202	120145	7.868	ng/ul#	91
83) Benzo(a)anthracene	21.86	228	66010	4.304	ng/ul	95
85) Chrysene	21.92	228	66603m }	4.563	ng/ul }	94
88) Benzo(b)fluoranthene	24.18	252	92170m }	5.613	ng/ul }	94
89) Benzo(k)fluoranthene	24.24	252	37139	2.295	ng/ul	94
91) Benzo(a)pyrene	25.10	252	60502	4.133	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.14	276	46687m }	2.622	ng/ul }	94
94) Benzo(a,h,i)perylene	30.35	276	39432m }	2.684	ng/ul }	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed